

Subclass	ISSUE CLASSIFICATION
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PATENT NUMBER

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PATENT DATE O.I.P.E. MT SCANNED TIED Q.A. ALL

EXAMINER CONT/PRIOR SUBCLASS ART UNIT APPLICATION NO. CLASS J. P. T. 3 2832 09/998348 838 260

Richard Spielberger Ronald Jensen Thomas Wagner

Ball grid array package

PTO-2040 12/99

ISSUING CLASSIFICATION							
ORIGINAL	CLASS	CROSS REFERENCE(S)					
CLASS SUBCLASS		SUBCLASS (ONE SUBCLASS PER BLOCK)					
	V417- 113	711 Ax		57017			
INTERNATIONAL CLASSIFICATION						V 1/1	
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TERMINAL	DRAWINGS			CLAIMS ALLOWED		
LIDISCLAIMER	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.	
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hes been discleimed.	(Assistant	Examiner)	(Date)			
The term of this patent shall						
not extend beyond the expiration date of U.S Patent. No				ISSUE FEE		
				Amount Due	Date Paid	
	(Primary	Examiner)	(Date)			
The terminalmonths of this patent have been disclaimed.				ISSUE BA	TCH NUMBER	
	(Legal Instrum	ents Examiner)	(Date)			
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orm <b>PTO-436A</b> lev. 6/99)			FILED WITH:		FICHE CD-RO	